

## *Soar to New Heights!*

Soar to New Heights - a STEM-ulating Adventure is a summer program for gifted students which places a strong emphasis on the STEM-H Institute at ECU. During this two week camp, your gifted and talented child will experience enriched learning opportunities in the areas of science, technology, engineering, math, and health that allow exploration and extension beyond the basic curriculum.

**June 18-29, 2012**

**8:00 a.m. - 12:00 p.m.  
EKU Science Building**

Please be prompt in your arrival and departure at the main entrance. Parent signature is required at arrival and departure.

### **Sample Daily Schedule:**

- 8:00-8:30—Student Arrival and Check-in with Sponge Activities
- 8:30-10:00—Session One
- 10:00-10:30—Snack Break and Movement
- 10:30-12:00—Session Two
- 12:00—Student Dismissal and Pickup

## **EKU Gifted Collaborative**

Partners from ECU STEM-H Institute Faculty  
and Graduate Assistants

Dr. Dorie Combs  
Ms. Vickie Moberly  
Dr. Scott Townsend  
Dr. Melinda Wilder  
Mary Lamar, MS Eng  
Dr. Connie Lamb  
Dr. Peter Chomentowski  
Mr. Danny Saputra  
Dr. Ilona Szekeley  
Dr. Lori Wilson  
Dr. Jaleh Rezaie

*Mail registration with payment to:*

### **Curriculum & Instruction**

#### **Gifted and Talented**

Combs Building 215  
Eastern Kentucky University  
521 Lancaster Avenue  
Richmond, Kentucky 40475-3102  
ATTN: Debbie Sparks  
debra.sparks@eku.edu

*For further information contact:*

**Eastern Kentucky University**  
College of Education  
Department of Curriculum & Instruction  
Gifted and Talented  
859-622-2154



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## *5th Annual*

### *Soar to New Heights: A STEM-ulating Adventure!*

### *Summer Camp for Gifted and Talented Students in Grades 4-6!*

**June 18-29, 2012**

**8:00 a.m. - 12:00 p.m.**

**Eastern Kentucky University  
Science Building**



**Gifted and Talented  
Education**

## Registration Form

Please choose two choices, and one alternate option, by numbering in the boxes to the left of each course. For example, write a "1" in your first choice, "2" as your second choice, and "3" as an alternate option. Every effort will be made to place your child in his/her first choice. Placement will be made in the order registration forms are received. Enrollment is limited and full payment is required for complete registration. Registration conducted by mail, must be postmarked by **May 7, 2012**. Cost is \$65.00 per student. Make checks payable to Department of Curriculum & Instruction, Gifted & Talented.

Child's Name: \_\_\_\_\_

Grade Level your child will be in next school year: \_\_\_\_\_

Child's Home Address: \_\_\_\_\_

School and District: \_\_\_\_\_

Parent Phone: \_\_\_\_\_

Emergency Phone: \_\_\_\_\_

Parent Signature: \_\_\_\_\_

Parent Email Address: \_\_\_\_\_

Signature of School Official verifying this

Student is identified as Gifted: \_\_\_\_\_

## Courses Offered

### ☐ **Science on the Move** **Betty Holt & Angie Hendrickson**

Science on the Move combines the curiosity for science with the excitement of exercise activities. Students will travel through and explore a variety of science modules including anatomy, exercise physiology, and nutrition. While on this trip, students will journey through the heart, explore the physiology of fitness, discover how muscles really work, and investigate the human body using real bones.

**Class size limit: 15**

### ☐ **Explore the Universe: The Solar System** **Annie Jones and Andrea Adams**

Join us on an exploration of the universe. Learn about the motion of the planets as they revolve around the sun, the relationship between the Earth and moon, and more! Also, be prepared to get a bit messy while creating different art projects based on all the knowledge you have gained while learning about the Solar System!

**Class size limit: 18**

### ☐ **CSI: Crime Scene Investigators** **Kristen Nicholas**

Have you ever wondered what it would be like to solve a crime? Come be part of the detective team! We will learn about different techniques the forensic team uses to catch the bad guys like fingerprinting, sketching and photographing crime scenes, and many other useful skills. In our fictional crime, will you be able to figure out "who did it?"

**Class size limit: 12**

### ☐ **Space Odyssey - Jim Beers**

Take a trip back in time with the Greek and Roman Gods. Learn 20-30+ constellations and the stories behind these characters. Spend time in the Star Lab—A giant bubble big enough for 30 elementary kids -while learning how to chart the stars and find any constellation in the northern hemisphere. Then, move back to current times and see how NASA uses the Space Shuttle to explore space and experiment with everyday objects in zero gravity. Help your team build the interior of the cabin of the space shuttle and even design your own space station.

**Class size limit: 30 students**

### ☐ **Lego-botics** **Tony Carney and Darnetta Sanders**

This class will allow 15 students to enjoy a hands-on robotics laboratory, building problem solving skills in science, technology, engineering and math (STEM). Students will model real-life mechanisms to explore the world of engineering while showing their critical thinking and logic skills. Students will use creativity and teamwork to brainstorm solutions while learning key STEM concepts. This fun and exciting program prepares students with skills for high school and college while giving them an amazing experience only limited by their Imagination.

**Class size limit: 15 students**